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Substitute for form 1449 PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/528,808
Filing Date	3/23/2005
First Named Inventor	Leonard I. Zon
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	701039-053222

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/JK/	C1	LEWIS, E. B. A Gene Complex Controlling Segmentation in <i>Drosophila</i> <i>Nature</i> (December 7, 1978), Vol. 276, 565-570.
	C2	BUSKE and HUMPHRIES Homeobox Genes in Leukemogenesis, <i>International Journal of Hematology</i> , (2000), Vol. 71, 301-308.
	C3	GALLOWAY and ZON. Ontogeny of Hematopoiesis: Examining the Emergence of Hematopoietic Cells in the Vertebrate Embryo, <i>Current Topics in Developmental Biology</i> , Vol. 53, 139-158. (2003).
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	C5	HAMMERSCHMIDT et al. Genetic analysis of dorsoventral pattern formation in the zebrafish: requirement of BMP-like ventralizing activity and its dorsal repressor <i>Genes & Development</i> (1996), Vol. 10, 2452-2461.
	C6	SAUVAGEAU et al. Overexpression of HOXB4 in hematopoietic cells causes the selective expansion of more primitive populations in vitro and in vivo, <i>Genes & Development</i> (1995), Vol. 9:1753-1765.
	C7	KRAUSS et al. Expression of the zebrafish paired box gene pax[zf-b] during early neurogenesis, <i>Development</i> (1991), Vol. 113, 1193-1206.
	C8	JOLY et al. Expression of a zebrafish caudal homeobox gene correlates with the establishment of posterior cell lineages at gastrulation, <i>Differentiation</i> (1992), Vol. 50: 75-87.
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NON PATENT LITERATURE DOCUMENTS			
/JK/	C12	STRUHL, Gary, Genes Controlling Segmental Specification in the Drosophila Thorax, <i>Proc. Natl. Acad. Sci. USA</i> (1982) Vol. 79, 7380-7384.	
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	C23	THORSTEINSDOTTIR et al., Overexpression of the myeloid leukemia-associated Hoxa9 gene in bone marrow cells induces stem cell expansion, <i>Blood</i> , January 1, 2002, Vol. 99: 121-129.	
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Examiner Signature	/James Ketter/	Date Considered	01/14/2008
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NON PATENT LITERATURE DOCUMENTS			
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	C45	CHARITÉ et al., Transducing positional information to the Hox genes: critical interaction of <i>cdx</i> gene products with position-sensitive regulatory elements, <i>Development</i> (1998), Vol. 125:4349-4358.	
	C46	HUNTER et al. Hox gene expression in a single <i>Caenorhabditis elegans</i> cell is regulated by a caudal homolog and intercellular signals that inhibit Wnt signaling, <i>Development</i> (1999), Vol. 126:805-814.	

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/JK/	C47	ISAACS et al. Regulation of Hox gene expression and posterior development by the <i>Xenopus</i> caudal homologue Xcad3, <i>The EMBO Journal</i> (1998), Vol. 17, No. 12, 3413-3427.	
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	C54	LAWRENCE et al. Mice Bearing a Targeted Interruption of the Homeobox Gene HOXA9 Have Defects in Myeloid, Erythroid, and Lymphoid Hematopoiesis, <i>Blood</i> (1997), Vol. 89:1922-1930.	
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	C56	KINGSLEY et al., Subtractive hybridization reveals tissue-specific expression of ahnak during embryonic development, <i>Develop. Growth Differ.</i> (2001), Vol. 43, 133-143. (2001).	

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* ¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

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Substitute for form 1449A/PTO

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Sheet 1 of 1

Application Number	PCT/US03/29185
Filing Date	18 September 2003 (IA DATE)
First Named Inventor	Leonard I. Zon
Art Unit	To be assigned
Examiner Name	To be assigned
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01/14/2008

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